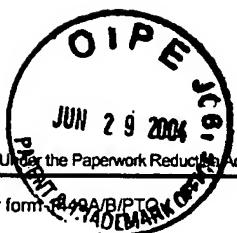


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of

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Complete if Known

Application Number	10/814,369-Conf. #5488
Filing Date	March 31, 2004
First Named Inventor	Sherwin S. Chen
Art Unit	3661
Examiner Name	Not Yet Assigned

Attorney Docket Number

030048140US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/YB/		US-10/746,883		Boorman	
/YB/		US-10/746,912		Boorman	
/YB/		US-10/787,644		Tafs et al.	
/YB/		US-10/798,588		Griffin III et al.	
/YB/		US-10/798,749		Sandell et al.	
/YB/		US-10/814,369		Chen et al.	
/YB/		US-10/814,494		Gunn et al.	
/YB/		US-10/815,034		Crane et al.	
/YB/		US-2003-0058134	03-27-2003	Lance Sherry	
/YB/		US-2003-0132860	07-17-2003	Thea Feyereisen	
/YB/		US-2004-0059474	03-25-2004	Daniel Boorman	
/YB/		US-3,191,147	06-22-1965	Majendie	
/YB/		US-4,247,843	01-27-1981	HARRY MILLER	
/YB/		US-4,325,123	04-13-1982	DONALD A. GRAHAM	
/YB/		US-4,860,007	08-22-1989	MICHAEL L. KONICKE	
/YB/		US-5,420,582	05-30-1995	WOLFGANG KUBBAT	
/YB/		US-5,715,163	02-03-1998	ERIC S. BANG	
/YB/		US-5,978,715	11-02-1999	MICHEL BRIFFE	
/YB/		US-6,057,786	05-02-2000	MICHEL BRIFFE	
/YB/		US-6,085,129	07-04-2000	MICHAEL T. SCHARDT	
/YB/		US-6,112,141	08-29-2000	MICHEL BRIFFE	
/YB/		US-6,188,937	02-13-2001	LANCE C. SHERRY	
/YB/		US-6,389,333	05-14-2002	R. JOHN HANSMAN	
/YB/		US-6,745,113	12-11-2003	John Griffin	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
/YB/		EP-0 370 640	05-30-1990	Smiths Industries Public Ltd Co		
/YB/		EP-0 489 521	11-22-1991	Smiths Industries Public Ltd Co		
/YB/		WO-02/24530	03-28-2002	Honeywell International Inc.		
/YB/		GB-886,136	01-06-1962	Majendie		

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Date Considered

Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/814,369-Conf. #5488
				Filing Date	March 31, 2004
				First Named Inventor	Sherwin S. Chen
				Art Unit	3661
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	030048140US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/YB/		777 Flight Deck (1 page) http://www.meriweather.com/777/777_main.html [Accessed 1/28/03]			
/YB/		Hutchins, Edwin, "The Integrated Mode Management Interface," Department of Cognitive Science, University of California, San Diego, September 17, 1996			
/YB/		Lindenfeld, "What is an FMS?", Flight Management Systems (5 pages) http://www.ultranet.com/~marzgold//FAQ-FMS.html [Accessed 6/3/02]			
/YB/		Meriweather's Flight Deck Acronyms & Definitions (4 pages) http://www.meriweather.com/fd/def.html [Accessed 6/3/02]			

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PTO/SB/08a/b (07-05)

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Sheet	1	of	2	Attorney Docket Number	030048140US
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/YB/		US-10/860,760		Sikora et al.	
/YB/		US-10/881,024		Griffin III et al.	
/YB/		US-10/882,101		Griffin III et al.	
/YB/		US-10/882,800		Griffin III et al.	
/YB/		US-2002-0016654-A1	04-29-2003	Ing et al.	
/YB/		US-20020004695-A1	04-13-2004	Glenn et al.	
/YB/		US-20020033837-A1	03-21-2002	Munro	
/YB/		US-20030225492-A1	12-04-2003	Cope et al.	
/YB/		US-2004-0183697	09-23-2004	Rogers et al.	
/YB/		US-20040111192-A1	11-09-2004	Naimer et al.	
/YB/		US-20040254691-A1	12-16-2004	Subelet	
/YB/		US-20060004496-A1	01-05-2006	Tucker et al.	
/YB/		US-4,196,474	04-01-1980	Buchanan et al.	
/YB/		US-4,212,064	07-08-1980	ARTHUR M. FORSYTHE	
/YB/		US-4,274,096	06-16-1981	Dennison	
/YB/		US-4,631,678	12-23-1986	Angermuller et al.	
/YB/		US-4,792,906	12-20-1988	ETHMER W. KING	
/YB/		US-5,050,081	09-17-1991	TERENCE S. ABBOTT	
/YB/		US-5,070,458	12-03-1991	Gilmore et al.	
/YB/		US-5,329,277	07-12-1994	Dougan et al.	
/YB/		US-5,337,982	08-16-1994	Sherry	
/YB/		US-5,454,074	09-26-1995	MARTIN C. HARTEL	
/YB/		US-5,499,025	03-12-1996	Middleton et al.	
/YB/		US-5,668,542	09-16-1997	Wright	
/YB/		US-5,739,769	04-14-1998	ZIBEROV A. VLADIMIR	
/YB/		US-5,844,503	12-01-1998	Riley et al.	
/YB/		US-5,875,998	01-01-2001	WOLFGANG GLEINE	
/YB/		US-5,940,013	08-17-1999	Vladimir et al.	
/YB/		US-6,098,014	08-01-2000	Kranz	
/YB/		US-6,118,385	09-12-2000	THOMAS M. LEARD	
/YB/		US-6,246,320	06-12-2001	Monroe	
/YB/		US-6,262,720	07-17-2001	GARY S. JEFFREY	
/YB/		US-6,278,913	08-21-2001	Jiang	
/YB/		US-6,313,759	11-06-2001	Musland-Sipper	
/YB/		US-6,314,366	11-06-2001	Farmakis et al.	
/YB/		US-6,346,892	02-12-2002	DeMers et al.	
/YB/		US-6,362,750	03-26-2002	Castor	
/YB/		US-6,381,519	04-30-2002	Snyder	
/YB/		US-6,443,399	09-03-2002	Yount et al.	
/YB/		US-6,542,796	04-01-2003	Gibbs et al.	
/YB/		US-6,556,902-A1	04-29-2003	Ng Ing	

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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/814,369-Conf. #5488
				Filing Date	March 31, 2004
				First Named Inventor	Sherwin S. Chen
				Art Unit	3661
				Examiner Name	C. H. Nguyen
Sheet	2	of	2	Attorney Docket Number	030048140US

/YB/	US-6,633,810	10-14-2003	Qureshi et al.	
/YB/	US-6,636,786-A1	10-21-2003	Partel	
/YB/	US-6,697,718-A1	02-24-2004	Le Draoulec et al.	
/YB/	US-6,720,891-A1	04-13-2004	Chen et al.	
/YB/	US-6,753,891	06-22-2004	Chohan et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/YB/		DE-3315386A	10-31-1984	Messerschmitt-Bolkow-Blohm	
/YB/		WO-2004/027732	04-01-2004	Thales	
/YB/		FR-2848306	06-11-2004	Thales	
/YB/		EP-0 286 120	10-12-1988	Howell Instruments, Inc.	
/YB/		FR-2817831	06-14-2002	EADS Airbus SA	

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/YB/		Painter et al., "Decision Support For the General Aviation Pilot," Systems, Man, and Cybernetics, IEEE International Conference on Computational Cybernetics and Simulation, Orlando, FL, Oct 12-15, 1997, pages 88-93.			
/YB/		Peugeot 406 Handbook, Automobiles Peugeot, Paris, France, May 14, 1998 (pgs 30 and 38)			

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				Application Number	10/814,369-Conf. #5488
				Filing Date	March 31, 2004
				First Named Inventor	Sherwin S. Chen
				Art Unit	3661
				Examiner Name	Y. Beaulieu
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		Number-Kind Code ² (# known)			
/YB/		US-20030025719-A1	02-06-2003	PALMER et al.	
/YB/		US-20040095466-A1	05-20-2004	Galasso	
/YB/		US-20050178903-A1	08-18-2005	Booman et al.	
/YB/		US-5,243,339	09-07-1993	Graham et al.	
/YB/		US-5,416,705	05-16-1995	Bamett	
/YB/		US-5,475,594	12-12-1995	Oder et al.	
/YB/		US-5,519,392	05-21-1996	Oder et al.	
/YB/		US-5,523,949	06-04-1996	Agate et al.	
/YB/		US-5,995,901	11-30-1999	Owen et al.	
/YB/		US-6,038,498	03-14-2000	Briffe et al.	
/YB/		US-6,067,502	05-23-2000	Hayashida et al.	
/YB/		US-6,072,473	06-06-2000	Muller et al.	
/YB/		US-6,154,151	11-20-2000	McElreach et al.	
/YB/		US-6,175,315	01-16-2001	Millard et al.	
/YB/		US-6,275,172	08-14-2001	Curtis et al.	
/YB/		US-6,335,694	01-01-02	Beksa et al.	
/YB/		US-6,381,538	04-30-2002	Robinson et al.	
/YB/		US-6,466,235	10-15-2002	Smith et al.	
/YB/		US-6,473,675	10-29-2002	Sample	
/YB/		US-6,512,527	01-28-2003	Barber et al.	
/YB/		US-6,668,215-A1	12-23-2003	Lafon et al.	
/YB/		US-6,690,299	02-10-2004	Suiter	
/YB/		US-6,696,980	02-24-2004	Langner et al.	
/YB/		US-6,707,387	03-16-2004	Noguchi et al.	
/YB/		US-6,856,864	02-15-2005	Gibbs et al.	
/YB/		US-6,870,490-A1	03-22-2005	Sherry et al.	
/YB/		US-6,871,124	03-22-2005	McElreath	
/YB/		US-6,934,608-A1	08-23-2005	Qureshi	
/YB/		US-6,980,198	12-27-2005	Gyde et al.	
/YB/		US-7,030,892	04-18-2006	Gyde et al.	
/YB/		US-7,142,131-A1	11-28-2006	Sikora	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (# known)			
/YB/		EP-1273987	01-08-2003	The Boeing Company	T ⁶

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